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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/697,064	10/30/2003	Peter Henry Mahowald	10030676-1	10030676-1 8140	
57299	7590 03/24/2006		EXAMINER		
AVAGO TECHNOLOGIES, LTD.			WILLIAMS, ALEXANDER O		
P.O. BOX 1920 DENVER, CO 80201-1920			ART UNIT	PAPER NUMBER	
·			2826		
			DATE MAILED: 03/24/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Eatherization of the many by a smiller interest the proteines of 37 CRT 1.01(a). In the cent. Mover, may a reply the limby filed  If NO petiod for reply is specified above, the maximum statutory period will apply and will expise SIX (5) MONTHS from the malling date of this communication. Fallule to reply within the sent or cantended period for reply via lays that the communication of the malling date of this communication. Pelatro to reply within the sent or cantended period for reply via specified above, the maximum statutory period will apply and will expise SIX (5) MONTHS from the malling date of this communication. Pelatro to reply the sent of the sent of the communication. Pelatro to reply the sent of the communication. Pelatro to reply the sent of the sent of the communication. Pelatro to reply the sent of the sent of the communication. Pelatro to reply the sent of the sent of the sent of the communication. Pelatro to reply the sent of the sent of the sent of the communication. Pelatro to reply the sent of		Application No.	Applicant(s)
Alexander O. Williams  2826  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE , MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  If NO period for regly is appelled above, the maintens stability period will apply and will expire SIX (9) MONTHS from the mailing date of this communication.  If NO period for regly is appelled above, the maintens stability period will apply and will expire SIX (9) MONTHS from the mailing date of this communication.  If NO period for regly is appelled above, the maintens stability period will apply and will expire SIX (9) MONTHS from the mailing date of this communication.  If NO period for regly is application is in condition from one stable state. The viraling date of this communication, seen if innelly filled, may reduce any search period from adjustment. See 37 CFR 1.704(0).  Status  1) Responsive to communication(s) filled on		10/697,064	MAHOWALD
— The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MALING DATE OF THIS COMMUNICATION.  Editation for mem ye variation under the previous of 3 CFR 1.136(), in event, however, as 1 esty be timely filled and 10 till, 00 MONTHS from the maling date of this communication, provided will apply and will expire 3 KQ (b) MONTHS from the maling date of this communication. Fallute to inquire with the set or extended period for reply this plaute, cause he application become ABMONDED(S) to 18 .0 €, 13.33. Pay yealy repulsive by the Office later than three months after the maling date of this communication, even if timely filled, may reduce any seamle placent them subjections. See 2 CFR 1.76(b).  Status  1) Responsive to communication(s) filled on	Office Action Summary	Examiner.	Art Unit
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of them may be a resident content the proclama of 17 CPR 1.136(d), in no event, however, may a risply be limitely filed.  Extensions of them may be a resident content to proclama of 17 CPR 1.136(d), in no event, however, may a risply be limitely filed.  Extensions of them may be a resident content of the proclama of 17 CPR 1.136(d), in no event, however, may a risply be limitely filed.  Extensions of them and the main of the proclama of 17 CPR 1.136(d).  Falling to risply subtine the set or extended period for risply will, by disables, caused the application to become AEAPLONED (39 U.S.C. § 133).  Cannot patient be reply valled the set or extended period for risply will, by disables, caused the application to the main of the communication, even if timely filed, may reduce any cannot patient term adjustment. See 37 CPR 1.704(b).  Status  1) Responsive to communication(s) filed on		Alexander O. Williams	2826
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Edenations of time may be available under the provisions of JCPR 1.18(b), in ne event, however, may a reply be limited filed after 5X (5) MONTHS from the mailing date of this communication.  Failuse transport with the star of condense provided for you filed the policy of the provided will expire 8X (5) MONTHS from the mailing date of this communication. Any reply received by the Office better than three mouths after the mailing date of this communication, even if timely filed, may reduce any search placified transport three mailing date of this communication, even if timely filed, may reduce any search placified the star filed for the mailing date of this communication, even if timely filed, may reduce any search placified may reduce any search placified may reduce any search place filed for the search place filed filed for the search place filed file	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address
1) Responsive to communication(s) filed on	<ul> <li>WHICHEVER IS LONGER, FROM THE MAILING DA</li> <li>Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.</li> <li>If NO period for reply is specified above, the maximum statutory period w</li> <li>Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing</li> </ul>	ATE OF THIS COMMUNICATION  16(a). In no event, however, may a reply be tim  till apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	I.  lely filed  the mailing date of this communication.  O (35 U.S.C. § 133).
2a) This action is FINAL. 2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s)	Status		
4) Claim(s) 1-14 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to by the Examiner.  4pplication Papers  9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152) 6) Other:	2a) ☐ This action is <b>FINAL</b> . 2b) ☐ This 3) ☐ Since this application is in condition for allowant	action is non-final. ice except for formal matters, pro	
4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected.  7) Claim(s) is/are rejected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement frawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1 Certified copies of the priority documents have been received. 2 Certified copies of the priority documents have been received in Application No 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of References Cited (PTO-892) 3) Notice of Paper No(s)/Mail Date 5	Disposition of Claims		
9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)  6) Other:	4a) Of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to		
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12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date  6) Other:	10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the correction of th	epted or b) objected to by the Edrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).
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## **DETAILED ACTION**

## Election/Restrictions

This application contains claims directed to the following patentably distinct species: Any one species in figures 1-9. The species are independent or distinct because of the different structures and connections.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims are generic to all figures.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species.

MPEP § 809.02(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander O. Williams whose telephone number is (571) 272 1924. The examiner can normally be reached on M-F 6:30AM-7:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272 1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alexander O Williams Primary Examiner Art Unit 2826

AOW 3/15/06